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TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>		Application Number	10/767,483
		Filing Date	January 28, 2004
		First Named Inventor	Vaidyanathan
		Art Unit	3753
		Examiner Name	Unassigned
Total Number of Pages in This Submission		Attorney Docket Number	03248.00093

ENCLOSURES (check all that apply)

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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm	Banner & Witcoff, LTD.		
Signature			
Printed Name	Rebecca P. Rokos		
Date	October 24, 2005	Reg. No.	42,109

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By: Will Witzoff

Vaidyanathan, et al., U.S. Patent Application No. 10/767,483 for "Microchannel Heat Exchangers and Methods of Manufacturing the Same"

- Transmittal Form
- Information Disclosure Statement (1 page)
- Form PTO/SB/08a (1 page)
- 10 References
- Return Receipt Postcard



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
Attorney Docket No. 003248.00093

In re U.S. Patent Application of Vaidyanathan,)
et al.)
Application No. 10/767,483) Examiner: Ngo
Filed: January 28, 2004) Art Unit: 2831
For: Microchannel Heat Exchangers and)
Methods of Manufacturing the Same)

INFORMATION DISCLOSURE STATEMENT

MS: Amendment
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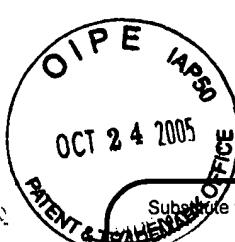
Pursuant to 37 CFR §§1.97-1.98, applicants wish to make the attached references of record in the above-identified application. The references are also listed on the enclosed and completed Form PTO/SB/08a. Copies of the references are enclosed.

This Information Disclosure Statement is filed under 37 CFR §1.97(b) within three months of this application's filing date and/or before the mailing of a first Office Action on the merits. Applicants believe no fees are due in connection with the filing of this Information Disclosure Statement. However, the Commissioner is hereby authorized to charge any fees or credit any overpayment associated with this paper to Deposit Account No. 19-0733.

Respectfully submitted,

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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

1

of

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Complete if Known

Application Number	10/767,483
Filing Date	January 28, 2004
First Named Inventor	Vaidyanathan
Art Unit	3753
Examiner Name	Unassigned

Attorney Docket Number 003248.00093

Examiner Initials *	Cite No. ¹	Document Number Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		C. Bower, A. Ortega, P. Skandakumaran, R. Vaidyanathan and T. Phillips, "Heat Transfer in Water-Cooled Silicon Carbide Mill-channel Heat Sinks for High Power Electronic Applications", Proceedings of IMECE 2003, Washington, DC	
		F. Incropera, and D. Dewitt, "Fundamentals of Heat and Mass Transfer" 5 th ed., New York, Wiley, 2002, pp. 482-490.	
		R.J. Pieper and A.D. Kraus, "Performance Analysis of Double Stack Cold Plates Covering All Conditions of Assymetric Heat Loading", ASME Journal of Electronic Packaging, Vol. 20: 296-301, 1998.	
		R.J. Pieper and S. Michael, , "Circuit Modeling to Predict the Performance of Force-Cooled Cold Plate Structures", Proceedings – IEEE International Symposium on Circuits and Systems, v 6, 1999, p VI-105-VI-108.	
		R.J. Phillips, 1990, "Micro-Channel Heat Sinks, in A. Bar-Cohen A.D. Kraus (Eds.)" Advances in Thermal Modeling of Electronic Components and Systems vol. 2, ASME New York Chapter 3. 1990	
		C.B. Sobhan and S.V. Garimella, "A Comparative Analysis of Studies and Heat Transfer and Fluid Flow in Micro-Channels", Microscale Thermophys. Eng. Vol. 15, pp. 293-311, 2001.	
		D.B. Tuckerman and R.F.W. Pease, 1981, "High-Performance Heat Sinking for VLSI", IEEE Electron Dev. Lett. 2, pp. 126-129, May 1981.	
		K. Vafai and L. Zhu, 1999, "Analysis of two-layered micro-channel heat sink concept in electronic cooling", International Journal of Heat and Mass Transfer, 42, pp. 2287-2297.	
		R. Vaidyanathan, J. Walish, J.L. Lombardi, S. Kasichainula, P. Calvert, K.C Cooper, "The Extrusion Free Forming of Functional Ceramic Prototypes", Journal of Metals, 52 (12), pp. 34-37 (2000).	
		X.J. Wei and Y. Joshi, "Stacked Microchannel Heat Sinks for Liquid Cooling of Microelectronic Components", Proceedings of ASME IMECE 2000, Florida.	

Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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